



SEA 04L presents:

***Leading the Change in the
Configuration and Automatic
Identification and Data Capture
Environment***



Automatic Identification and Data Capture (AIDC)

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Agenda

- Introduction - Ms. Jane L. Zimmerman
- Ms. LeAntha Sumpter (DPAP, OSD) Unique Identification
- Ms. Lorrey Bentzel (Navy AIT Project Office) - Navy AIT Initiatives
- Wrap Up

Logistics Technology Evolution

- Paper & Pencil
- Hard Copy Requisitions
- Desktop Work Stations
- Client Servers



- Main Frame Computers
- Tape Drives
- Batch Processing
- Expanded AIDC Use
- Web Based Applications
- Predictive Logistics

What is AIDC? DOD Perspective

Automatic Identification and Data Capture

“ AIDC is a suite of technologies that enable the automatic capture of source data, thereby enhancing the ability to identify, track, document and control deploying and redeploying forces, equipment, personnel and sustainment cargo.”

DOD Logistics AIDC CONOPS - November 1997

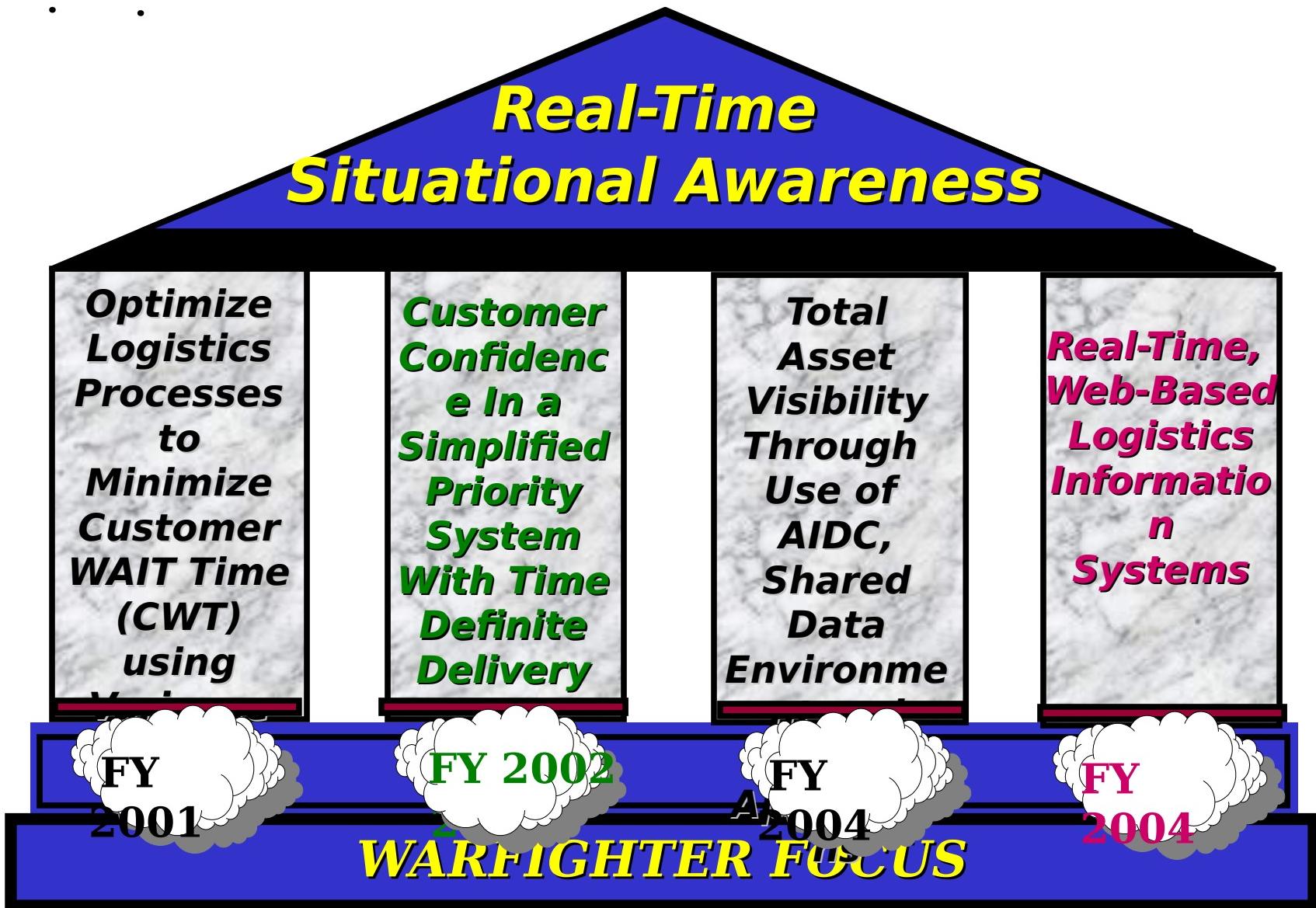
What Is AIDC? Commercial Perspective

Automatic Identification and Data Capture

“AIDC technology is any technology which allows us to enter information into a computer system totally without, or with a minimum of, manual key entry.” Thus, the primary benefit of integrating AIDC is the significant reduction of time-consuming, error-prone, manual entry of data into a computer.

The Association of ID Manufacturers (AIM)

DoD Logistics Transformation



Department of Defense

AIDC Objectives

Infuse AIDC into the DoD Logistics AIDC Business Processes



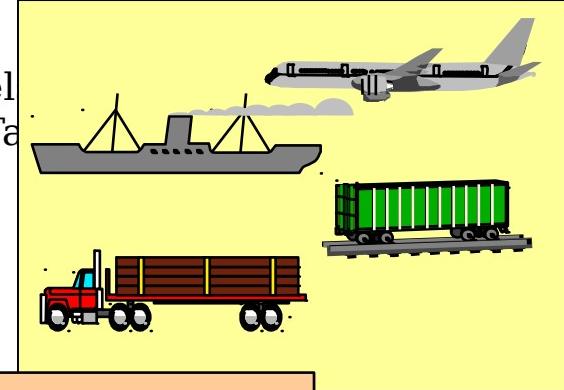
Improve Support to the Warfighter

AIDC Identification, Location and Tracking

Identification Options for CONVEYANCE System-wide Visibility

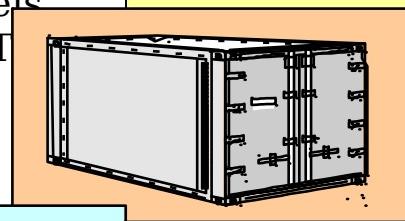
Multi-level
Identification

- Bar Code 2D Label
- Optical Cards or Tags
- RFID Tags
- GPS Capability



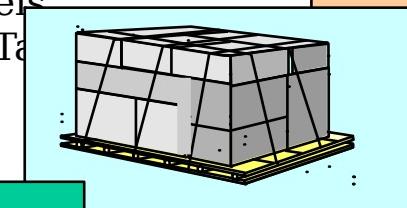
CONTAINER

- Bar Code 2D Labels
- Optical Cards or Tags
- RFID Tags



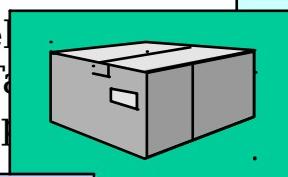
PALLET

- Bar Code 2D Labels
- Optical Cards or Tags
- RFID Tags



MULTIPACK

- Bar Code 2D Labels
- Optical Cards or Tags
- Embedded RF Chip



PART

- Bar Code 2D Labels
- Inscribed Part Number
- Embedded Microchip



Apply
AIDC Devices
Before Going
Afloat

AIDC **Measures Of Success**

- Must enable the:
 - Reduced operations and support costs
 - Collection of initial source data
 - Transmission to Automated Information Systems
 - Improved data accuracy
 - Reduced processing times
- Must promote Asset Visibility:
 - In-Process (being manufactured, maintained or repaired)
 - In-Storage (being stored as inventory)
 - In-Transit (being moved or shipped to another location)
 - In Use (In the possession of end user)

